AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-12. (canceled).

13. (new): A fluid dispensing circuit comprising:

a pump comprising a variable-volume chamber and a head;

wherein said head comprises a main body in which an inlet duct and an output duct communicate with said variable volume chamber; and

wherein a second valve is inserted in said inlet duct and a third valve is inserted in said outlet duct;

a delivery duct connected to said output duct and a nozzle; and

a first one-way valve located along the delivery duct and outside said pump.

14. (new) A dispensing circuit according to Claim 13, wherein said third value is formed so as to withstand pressures lower than those which cause said first one-way valve to open.

15. (new) A dispensing circuit according to Claim 13, wherein said second valve progressively opens during expansion of said variable-volume chamber when fluid is drawn from a reservoir and said third valve is closed.

16. (new) A dispensing circuit according to Claim 15, wherein when a desired amount of fluid has been drawn into said variable-volume chamber, said variable-volume chamber begins contracting, said second valve closes and said third valve opens.

17. (new) A dispensing circuit according to Claim 16, wherein when said third valve opens, fluid passes toward said delivery duct, opens said first one-way valve and continues to said nozzle.

18. (new) A dispensing circuit according to Claim 13,

wherein said main body delimits the variable-volume chamber at least partially;

wherein said outlet duct is formed partially inside said main body; and

wherein said delivery duct extends partially outside said main body.

19. (new) A dispensing circuit according to Claim 18,

wherein at least one of the one-way valve and third valve comprises

a hollow body;

a closure member comprising a flat abutment surface;

an abutment inside the hollow body comprising the ridge of a knife-edged element shaped for bearing against the flat abutment,

and resilient means associated with said closure member for pressing it against said knife-edged element.

20. (new) A dispensing circuit according to Claim 13, wherein a filter is mounted externally upstream of the at least one of the one-way valve and third valve.

21. (new) A dispensing circuit according to Claim 19, wherein the at least one of the one-way valve and third valve that is mounted in the output duct comprises a filter.

22. (new) A dispensing circuit according to Claim 19, wherein the at least one of the one-way valve and third valve that is mounted in the output duct comprises a resilient seal interposed between said flat abutment surface and said ridge of the knife-edged element.

23. (new) A dispensing circuit according to Claim 13, wherein said second valve is partially open in the rest position.

24. (new) A dispensing circuit according to Claim 23, wherein said second valve has a travel which is different from the travel of the at least one of the one-way valve and third valve.

25. (Original) A dispensing circuit according to Claim 24

wherein each of said first one-way value, second valve and third valve comprises

a hollow body;

a closure member mounted movably inside said hollow body, wherein said closure member comprises a flat abutment surface; and

an abutment inside said hollow body comprises the ridge of a knife-edged element shaped far bearing against said flat abutment surface;

and resilient means mounted between the closure member and the hollow body.

26. (new) A dispensing circuit, according to claim 13, wherein the pump comprise a bellows pump.

27. (new) A machine for dispensing fluids, comprising at least one reservoir of fluids to be dispensed, wherein it comprises at least one dispensing circuit according to any one of claims 13-26, and wherein said pump is connected to the at least one reservoir.

28. (new) A dispensing machine according to claim 27, wherein it comprises a control system for controlling the pump so as to deliver a predetermined quantity of fluid.